

**Publication Number** 200539115

**Title** Method and apparatus for type determination of digital versatile discs

**Publication Date** 2005/12/01

**Application Date** 2004/10/06

**Application No.** 093130202

**IPC** **G11B-015/16**

**Inventor** CHANG- RICKY TW;  
LU, ALLEN TW

**Applicant** VIA TECHNOLOGIES, INC. TW

**Priority Number** 2004/05/25 US20040574665P

**Abstract**  
A method and its corresponding apparatus for type determination of digital versatile discs (DVD), whose advantage is higher probability of correct type determination. The main steps of the method include: Initialize related parameters. Get a wobble signal from a DVD. Choose a number to divide the frequency of the wobble signal. And then count the divided wobble frequency, with the time interval for the spindle motor to bring the DVD to rotate a full circle as the time unit. And finally determine the type of the DVD based on the divided wobble frequency.